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(71) Applicant (for all designated States except US): **UNIVERSITY OF DELAWARE** [US/US]; Office of the Vice Provost for Research, 210 Hüllihen Hall, Newark, DE 19716 (US).

(72) Inventors: **THOSTENSON, Erik, T.**; 103 Bridgeport Lane, Geneva, IL 60134 (US). **CHOU, Tsu-Wei**; 304 Bartram Lane East, Hockessin, DE 19707 (US).

(74) Agent: **MONTGOMERY, C., Kelth**; Connolly Bove Lodge & Hutz LLP, 1990 M Street, N.W., Suite 800, Washington, DC 20036-3425 (US).

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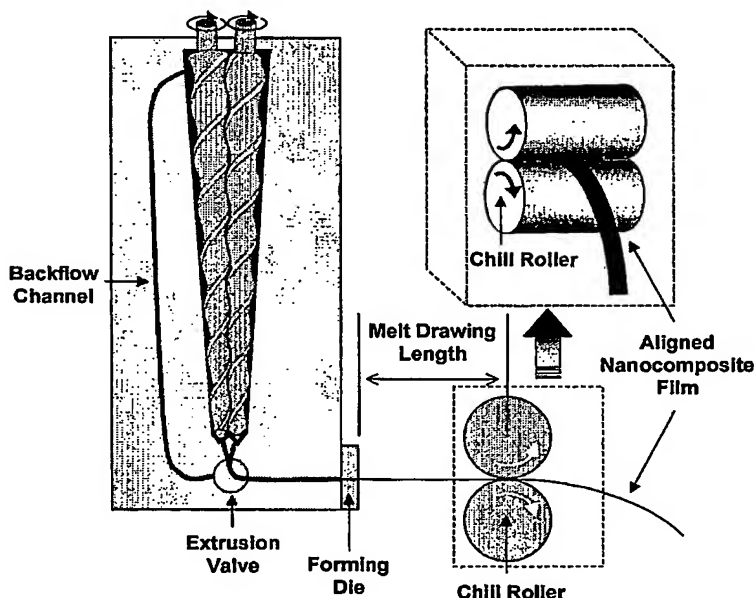
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(54) Title: **NANOTUBE-REINFORCED POLYMER COMPOSITES**



(57) Abstract: A method for producing nanocomposites is provided by mixing a polymer and nanotubes, shear mixing in an extruder to distribute the nanotubes within the polymer, extruding the mixture, and drawing the mixture prior to solidification to orient the nanotubes. This process is shown schematically in Figure 24.